

Gentcore version 5.1.4.65-4578
Copyright (C) 1993 - 2003 Comigen Ltd.

score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB	ID	Description
1	33	3.2	44	6	AP01694	Sequence	AB01694 Sequence
2	33	3.2	44	6	AP01690	Sequence	AB01690 Sequence
3	4	25.4	2.5	39	6	AP081985	Sequence
4	4	25.4	2.5	39	6	AP081981	Sequence
5	5	24	2.4	24	5	AP081952	Synthetic
6	5	24	2.4	24	5	109225	Sequence
7	5	23	2.3	23	5	AP081980	Sequence
8	22	2.2	22	6	AP081981	Sequence	AB081981 Sequence
9	22	2.2	22	6	AP081982	Sequence	AB081982 Sequence
10	21	2.1	21	6	AP081983	Sequence	AB081983 Sequence
11	21	2.1	21	6	AP081984	Sequence	AB081984 Sequence
12	21	2.1	21	6	AP081985	Sequence	AB081985 Sequence
13	21	2.1	21	6	AP081986	Sequence	AB081986 Sequence
14	21	2.1	21	6	AP081987	Sequence	AB081987 Sequence
15	21.6	2.1	48	6	AX441045	Sequence	AX441045 Sequence
16	21.4	2.1	50	6	AX165957	Sequence	AX165957 Sequence
17	21.2	2.1	42	6	AX066910	Sequence	AX066910 Sequence
18	20.2	2.1	45	4	B293TB2	Sequence	B293TB2 Sequence
19	20	2.0	50	12	AB087850	Sequence	AB087850 Synthetic
20	20	2.0	50	12	AB087851	Sequence	AB087851 Synthetic
21	19.8	1.9	42	6	AC25047	Sequence	AC25047 Sequence
22	19.6	1.9	47	6	AC25047	Sequence	AC25047 Sequence
23	19.6	1.9	48	6	AB14922	Sequence	AB14922 Sequence
24	19.4	1.9	48	6	AB14922	Sequence	AB14922 Sequence
25	19.4	1.9	48	6	AB139656	Sequence	AB139656 Sequence
26	19.4	1.9	48	6	AB179656	Sequence	AB179656 Sequence
27	19.2	1.9	35	6	AB15007	Sequence	AB15007 Sequence
28	19.2	1.9	43	6	AX483421	Sequence	AX483421 Sequence
29	19.2	1.9	43	6	AX182421	Sequence	AX182421 Sequence
30	19.2	1.9	50	6	AX097521	Sequence	AX097521 Sequence
31	19	1.9	47	6	AC25047	Sequence	AC25047 Sequence
32	19	1.9	43	6	AX082436	Sequence	AX082436 Sequence
33	19	1.9	43	6	AX084787	Sequence	AX084787 Sequence
34	19	1.9	45	6	AB168071	Sequence	AB168071 Sequence
35	19	1.9	45	6	AR204842	Sequence	AR204842 Sequence
36	19	1.9	47	6	AB10488	Sequence	AB10488 Sequence
37	19	1.9	47	6	AB13646	Sequence	AB13646 Sequence
38	19	1.9	50	6	AX156686	Sequence	AX156686 Sequence
39	18.8	1.8	36	6	AX108734	Sequence	AX108734 Sequence
40	18.8	1.8	40	6	115906	Sequence	115906 Sequence
41	18.8	1.8	40	6	196105	Sequence	196105 Sequence
42	18.8	1.8	41	6	AB107047	Sequence	AB107047 Sequence
43	18.8	1.8	50	6	AB125802	Sequence	AB125802 Sequence
44	18.8	1.8	50	6	AB125842	Sequence	AB125842 Sequence
45	18.8	1.8	50	6	AB148432	Sequence	AB148432 Sequence

ALIGNMENTS

RESULT 1

AR01984	AR01984	44 bp	DNA	
LEADER	Sequence 17 from patent US 5972677.			PAT 31-AUG-2000
DEFINITION				
ACCESSION	AR01984			
VERSION	1			
KEYWORDS				
SOURCE	Unknown.			
ORGANISM	Unknown.			
UNCLASSIFIED	Unclassified.			
REFERENCE	1 (bases 1 to 44)			
AUTHORS	Tischfield, J.A. and Seithamer, J.J.			
TITLE	Manhattan phospholipase A subunit nucleotide sequences low molecular weight amino acid sequences encoded thereby antisense sequences and nucleotide sequences having internal ribosome binding sites			

Pred. No. is the number of results predicted by chance to have a

Query Match: 2.48; Score: 24; DB: 12; Length: 24;
 Best Local Similarity: 100.0%; Pred. No.: 1.9e-05;
 Matches: 24; Conservative: 0; Indels: 0; Gaps: 0;
 ORIGIN

DEFINITION Sequence 14 from patent US 5972677.
 ACCESSION AR081981
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 22)
 AUTHORS Tischfield,J.A. and Seithamer,J.J.
 TITLE Mammalian phospholipase A sub.2 nucleotide sequences low molecular weight amino acid sequences encoded thereby antisense sequences and nucleotide sequences having internal ribosome binding sites
 VERSION Patent, "US 5972677 A 14 OCT 1999;
 FEATURES Location/Qualifiers
 SOURCE
 BASE COUNT 5 a /organism="unknown" 8 9 4 t
 ORIGIN

Query Match: 2.29; Score: 22; DB: 6; Length: 22;
 Best Local Similarity: 100.0%; Pred. No.: 6.7e+05;
 Matches: 22; Conservative: 0; Indels: 0; Gaps: 0;
 ORIGIN

DEFINITION Sequence 15 from patent US 5972677.
 ACCESSION AR081982
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 22)
 AUTHORS Tischfield,J.A. and Seithamer,J.J.
 TITLE Mammalian phospholipase A sub.2 nucleotide sequences low molecular weight amino acid sequences encoded thereby antisense sequences and nucleotide sequences having internal ribosome binding sites
 VERSION Patent: US 5972677 A 15 OCT 1999;
 FEATURES Location/Qualifiers
 SOURCE
 BASE COUNT 2 a /organism="unknown" 8 9 7 t
 ORIGIN

RESULT 9
 AR081982/C
 LENGTH 22
 DEFINITION Sequence 16 from patent US 5972677.
 ACCESSION AR081982
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 22)
 AUTHORS Tischfield,J.A. and Seithamer,J.J.
 TITLE Mammalian phospholipase A sub.2 nucleotide sequences low molecular weight amino acid sequences encoded thereby antisense sequences and nucleotide sequences having internal ribosome binding sites
 VERSION Patent: US 5972677 A 15 OCT 1999;
 FEATURES Location/Qualifiers
 SOURCE
 BASE COUNT 2 a /organism="unknown" 8 9 7 t
 ORIGIN

Query Match: 2.29; Score: 22; DB: 6; Length: 22;
 Best Local Similarity: 100.0%; Pred. No.: 6.7e+05;
 Matches: 22; Conservative: 0; Indels: 0; Gaps: 0;
 ORIGIN

DEFINITION Sequence 16 from patent US 5972677.
 ACCESSION AR081983
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 22)
 AUTHORS Tischfield,J.A. and Seithamer,J.J.
 TITLE Mammalian phospholipase A sub.2 nucleotide sequences low molecular weight amino acid sequences encoded thereby antisense sequences and

RESULT 8
 AR081981
 LOCUS 1 CIGG-TGGTTCTGGCTGTCGA 22

DEFINITION Sequence 14 from patent US 5972677.
 ACCESSION AR081981
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 22)
 AUTHORS Tischfield,J.A. and Seithamer,J.J.
 TITLE Mammalian phospholipase A sub.2 nucleotide sequences low molecular weight amino acid sequences encoded thereby antisense sequences and

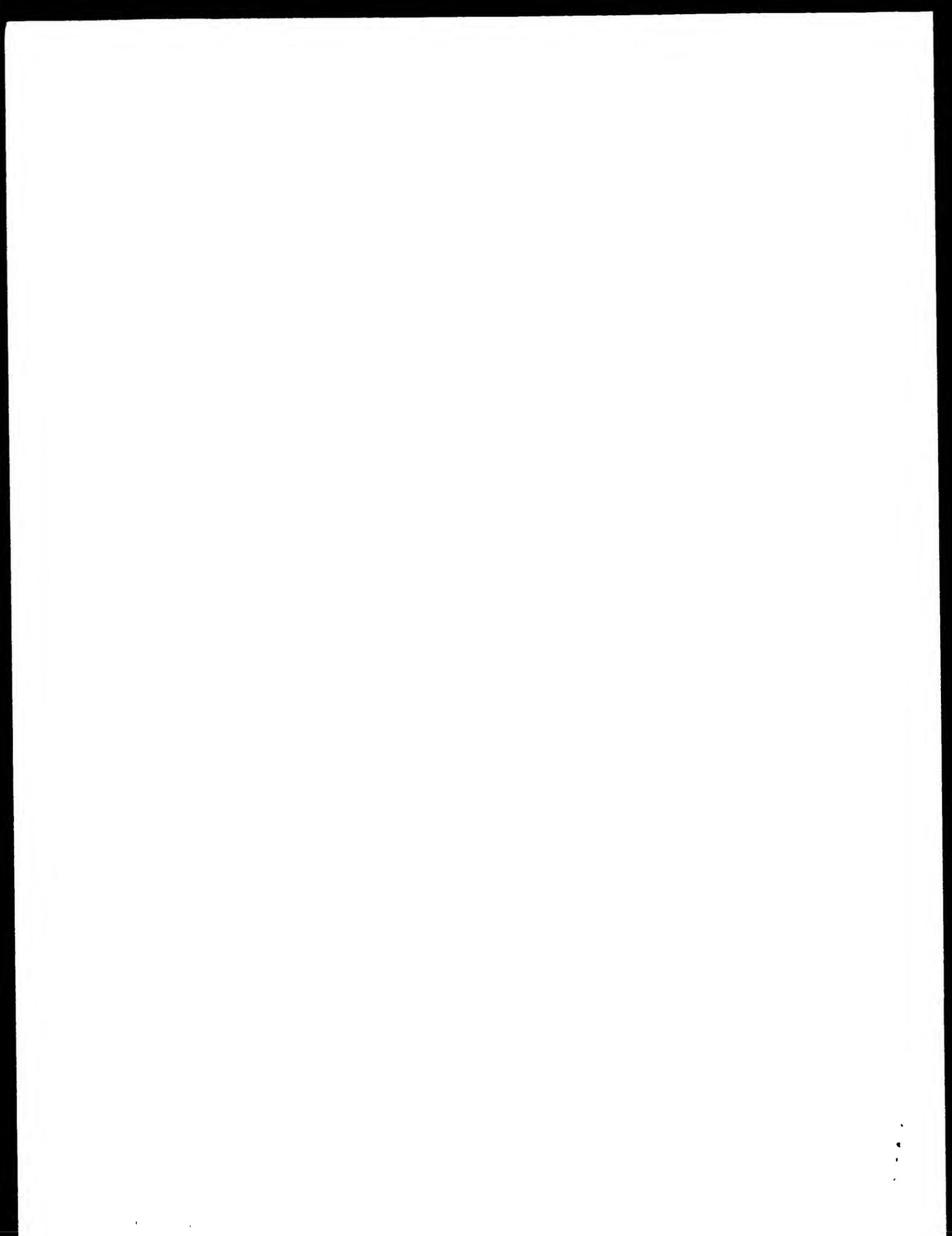
nucleotide sequences having internal ribosome binding sites						
JOURNAL		Patent: US 5,972,677-A 16.26-3CT-1999;				
FEATURES		Location/Qualifiers				
source	1..22					
BASE COUNT	7	a	1	c	9	g
ORIGIN	5	t				
QUERY Match	2..29;	score: 22;	PR 6;	Length: 22;		
Best local similarity	100.0%	pred N7	6.7e-05;			
Matches	22;	Conservative	0;	Mismatches	0;	Indels
QY	522	ATAC111GCTAACTACCTCTGC	54.3			
Db	22	ATAC111GCTAACTACCTCTGC	1			
RESULT 1.1						
LOCUS	AR198376	AR198376	22 bp	DNA	linear	PR 2.0-A1
DEFINITION	Sequence 13	from patent	US 6352849.			
ACCESSION	AR198376					
VERSION	AR198376..1					
KEYWORDS						
SOURCE	Unknown.					
ORGANISM	Unknown.					
REFERENCE	1 (bases 1 to 22)					
AUTHORS	Tischfield, J.A. and Seithamer, J.J.					
TITLE	Mammalian phospholipase A2 nucleotide sequences, low molecular weight amino acid sequences encoded thereby, antisense sequences and nucleotide sequences having internal ribosome binding sites					
JOURNAL	Patent: US 6352849-A 13.CT.MAR 2002;					
FEATURES	Location/Qualifiers					
source	1..22					
BASE COUNT	1	a	5	c	7	g
ORIGIN	9	t				

RESULT 13		RESULT 14	
QY	146 CCGAATGATGTTGCTGGACTA 207	QY	146 CCGAATGATGTTGCTGGACTA 207
DB	1 GCAAGGAGCTTGTCTGGACCTA 22	DB	1 GCAAGGAGCTTGTCTGGACCTA 22
REFERENCE	AR198378/C	REFERENCE	AR198378/C
AUTHORS	Tischfield,J.A. and Seilhamer,J.J.	AUTHORS	Tischfield,J.A. and Seilhamer,J.J.
DEFINITION	Sequence 15 from patent US 6,35,2849.	DEFINITION	Sequence 15 from patent US 6,35,2849.
ACCESSION	AR198378	ACCESSION	AR198378
VERSION	AP1GR7R.1	VERSION	GI:20248227
KEYWORDS		KEYWORDS	
SOURCE	Unknown.	SOURCE	Unknown.
ORGANISM	Unclassified.	ORGANISM	Unclassified.
FEATURES	1 (bases 1 to 22)	FEATURES	1 (bases 1 to 22)
AUTHORS	Tischfield,J.A. and Seilhamer,J.J.	AUTHORS	Tischfield,J.A. and Seilhamer,J.J.
TITLE	Mammalian phospholipase A2 nucleotide sequences. Low molecular weight, amino acid sequences encoded thereby, antisense sequences and nucleotide sequences having internal ribosome binding sites	TITLE	Mammalian phospholipase A2 nucleotide sequences. Low molecular weight, amino acid sequences encoded thereby, antisense sequences and nucleotide sequences having internal ribosome binding sites
JOURNAL	Patent: US 6,35,2849 A 15-05-MAR-2002;	JOURNAL	Patent: US 6,35,2849 A 15-05-MAR-2002;
LOCATION/QUALIFIERS	Location/Qualifiers	LOCATION/QUALIFIERS	Location/Qualifiers
SOURCE	1. "22 /organism="unknown"	SOURCE	1. "22 /organism="unknown"
BASE COUNT	2 a 5 c 8 g 7 t	BASE COUNT	2 a 5 c 8 g 7 t
ORIGIN		ORIGIN	
QUERY MATCH	2.2%	QUERY MATCH	2.2%
BEST LOCAL SIMILARITY	100.0%	BEST LOCAL SIMILARITY	100.0%
MATCHES	22;	MATCHES	22;
CONSEPATIVE	0;	CONSEPATIVE	0;
MISSING CLENS	0;	MISSING CLENS	0;
INDELS	0;	INDELS	0;
GAPS	0;	GAPS	0;
QY	264 AACCCCCAAGGATGGCAGCAT 315	QY	264 AACCCCCAAGGATGGCAGCAT 315
DB	1 11111111111111111111111111111111	DB	1 11111111111111111111111111111111
	22 AACCCCCAAGGATGGCAGCAT 1		22 AACCCCCAAGGATGGCAGCAT 1
RESULT 14		RESULT 14	

Query Match	2.28%	Score 227	DB 5;	Length 227	o,
Best Local Similarity	100.0%	prod No.	6.7e+05;		
Matches 22,	Conservative	o,	Mismatches 0,	Indels 0,	Gaps 0,
Matches			Indels		
oY	151	CTGGCTTGTTCTGGCTGTA	172		
Db	1	CTGGCTTGTTCTGGCTGTA	22		
RESULT 12					
AR198377	Ak198377				
LOCUS	Sequence 14 from patent US 6352849.	22	bp	2NA	linear
DEFINITION	AR198377				
ACCESSION	AR198377	1	6352849226		
VERSION					
KEYWORDS	Unknown.				
SOURCE	Unknown.				
ORGANISM	Unclassified.				
REFERENCE	1 (bases 1 to 22)				
AUTHORS	Tsichtied, A. and Soilhamer, T.				
TITLE	Mammalian phospho-peptides A2 nucleotide sequences, low molecular weight amino acid sequences encoded thereby, antisense sequences and nucleotide sequences having internal ribosome binding sites				
JOURNAL	Patent no 6352849, A 14 cr, Mar 2002,				
FEATURES	location/qualifiers				
source	1..22				
BASE COUNT	5 a 5 c 8 q			4 t	
ORIGIN	/organism="unknown"				
Query Match	2.28%	Score 227	DB 6;	Length 22	o,
Best Local Similarity	100.0%	prod No.	6.7e+05;		
Matches 22,	Conservative	o,	Mismatches 0,	Indels 0,	Gaps 0,
Matches			Indels		

VERSION AX441046.1 GI:21665662
 KEYWORDS
 SOURCE human.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS von Knebel Doeberitz, M., Bork, P., Yuan, Y., P., Gebert, J., Woerner, S.,
 and Linnebacher, M.
 TITLE Genes and their genetic products pertinent to microsatellite
 instability (msi+) tumours
 INSTABILE
 Patent: WO 0203564 A 72 17-JAN-2002;
 JOURNAL: Von Knebel Doeberitz, Magnus (DE)
 FEATURES .locationQualifiers
 source
 1-48
 /organism="Homo sapiens"
 BASE COUNT 3 a 27 c 6 g 12 t
 ORIGIN
 Query Match Score 21.6; DB 6; Length 48,
 Best Local Similarity 68.28; Pred. No. 8.7e+05;
 Matches 30; Conservative 0; Mismatches 14; Indels 0; Gaps 0;
 QY 534 CATTGCTCTGCTTGTAGCTGCTCCAGGGAGTTCTCCAGACCA 577
 Db 5 CCTGCCTCTTCTCCAGCCCTCCAGCTTCAGCTTCAGCTTCAGCTCA 48

Search completed: March 4, 2003, 01:50:05
 Job time: 3013 secs



A Human; chromosome 1p36-35; chromosome 21q22.1; genetic analysis;
qenome; PCR primer; ss.

W Homo sapiens.

W Human; chromosome 1p36-35; chromosome 21q22.1; genetic analysis;
qenome; PCR primer; ss.

X Homo sapiens.

X JP2601421190-A.

X 20 - NOV - 2001.

X 1.2 - MAR - 2001; 20001TP-0066295.

X 10 - MAR - 2000; 20000JP-0066716.

X (KIKO) EIKAGAKU KENKYUSHO.

X (GENO) GENOTEX YG.

X WPI: 2002-144146-19

XX Arraying genome clones -

XX Claim 4, page 11: 52800: Japanese.

OS Homo sapiens.

XX W6917445-A1.

PN W6917445-A1.

XX 15 - MAY - 1997.

PD 15 - MAY - 1997.

XX 08 - NOV - 1996;

PF 08 - NOV - 1996;

XX 10 - NOV - 1995;

PR 95FR - 0011576.

XX (CNRS) CHRS CIRST NAT RECH SCI.

PA (CNRS) INSEKT INST NAT SANTE & RECH MEDICALE.

PA (INRM) INSEKT INST NAT SANTE & RECH MEDICALE.

XX Lautz Y, Mandel J, Tora I, Trotter Y;

PT WPI: 1997 281034/25.

XX

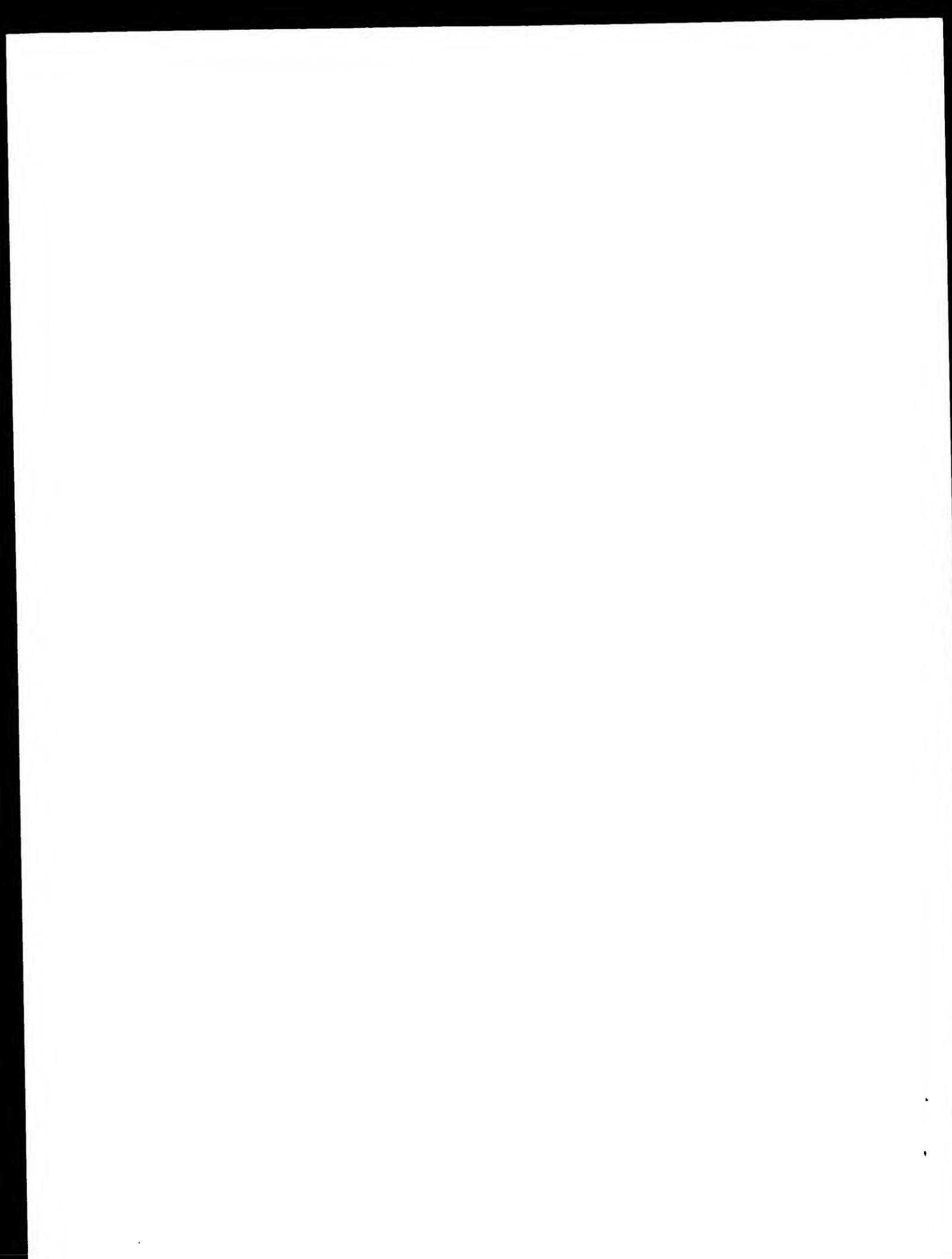
PT

PT

XX

XX The present invention describes a method of arraying genome clones. The method comprises: (a) clones of the genomic libraries contained in multiwell plates numbered for discrimination are mixed in each of the multiwell plates; (b) a primer designed based on the chromosomal marker sequence is added to the mixture to carry out an amplification reaction; (c) a signal corresponding to the marker is selected from the resultant mixture; (d) the discrimination is carried out in the multiwell plate; (e) the discrimination is repeated to expand the discrimination. Nos. of the multiwell plates are increased to expand the discrimination.

tor polyglutamine repeats with a proportional affinity to the number of glutamine repeats. This affinity has been used to identify genes encoding proteins containing 1-64 polyglutamine repeats which are implicated in neurodegenerative diseases. A screen of an expression library generated from a lymphoblastic cell line from a patient suffering from spinocerebellar atrophy (SCA), with MAP 1C2 isolated 6 new sequences (AAV7849-78412) encoding polyglutamine repeats. This sequence is derived from clone DAN26 isolated from a patient suffering from dentatorubro-pallidoluysian atrophy (DRPLA), resulting from a mutation in the gene for MAP 1C2. Testing of the mutant of the SCA nucleic acids encoding it are specifically used to treat Huntington's disease, SCA types 1, 5 or 7, X-linked spinocerebellar atrophy (SCA), 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 589, 590, 591, 592, 593, 594, 594, 595, 596, 597, 598, 598, 599, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 689, 690, 691, 692, 693, 694, 695, 695, 696, 697, 698, 699, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 789, 790, 791, 792, 793, 794, 795, 795, 796, 797, 798, 799, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 889, 890, 891, 892, 893, 894, 895, 895, 896, 897, 898, 899, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 989, 990, 991, 992, 993, 994, 995, 995, 996, 997, 998, 999, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1095, 1096, 1097, 1098, 1099, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1195, 1196, 1197, 1198, 1199, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1295, 1296, 1297, 1298, 1299, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1395, 1396, 1397, 1398, 1399, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1495, 1496, 1497, 1498, 1499, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1595, 1596, 1597, 1598, 1599, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1695, 1696, 1697, 1698, 1699, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1795, 1796, 1797, 1798, 1799, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1



Result No.	Score	Query	Match Length	DB ID	Description
1	3.4	3.2	44	2	US-39-999-497-19
2	3.4	3.2	44	4	US-09-342-230-17
3	3.4	3.2	44	5	PCT-US94-07926-17
4	25.4	25.4	25.5	2	US-09-342-230-17
5	25.4	25.4	25.5	4	US-09-342-230-18
6	25.4	25.4	25.5	5	PCT-US94-07926-18
7	22	22	22	2	US-08-888-497-18
8	22	22	22	3	US-08-888-497-18
9	22	22	22	4	US-08-888-497-18
10	22	22	22	5	US-08-888-497-18
11	22	22	22	6	US-08-888-497-18
12	22	22	22	7	US-08-888-497-18
13	22	22	22	8	US-08-888-497-18
14	22	22	22	9	US-08-888-497-18
15	22	22	22	10	US-08-888-497-18
16	22	22	22	11	US-08-888-497-18
17	22	22	22	12	US-08-888-497-18
18	22	22	22	13	US-08-888-497-18
19	19.6	19.6	4.7	3	US-08-145-948-2
20	19.4	19.4	4.8	4	US-08-477-928-16
21	19.4	1.9	4.9	4	US-08-98-925-52
22	19.2	1.9	4.9	5	US-08-435-150-93
23	19.2	1.9	4.9	6	US-08-222-872-270
24	19.2	1.9	5.0	4	US-09-390-867A-40
25	19.2	1.9	5.0	4	US-09-548-260-40
26	19	1.9	4.5	4	US-09-372-934-12
27	19	1.9	4.5	4	US-09-190-737-46

Sequence 46, Appl	1.9	4.5	4	0.8-0.9-0.58-3.13A-4.6
Sequence 7, Appl	1.9	4.0	1	0.8-0.8-19.5-50.7B-7
Sequence 68, Appl	1.9	4.0	1	0.8-0.8-4.1-8.8-7
Sequence 145, Appl	1.9	4.1	3	0.8-0.8-721-558B-68
Sequence 144, Appl	1.9	5.0	1	0.8-0.8-184-708A-144
Sequence 185, Appl	1.9	5.0	1	0.8-0.8-384-708A-165
Sequence 144, Appl	1.9	5.0	4	0.8-0.8-687-421-144
Sequence 185, Appl	1.9	5.0	4	0.8-0.8-687-421-144
Sequence 6, Appl	1.9	5.0	4	0.8-0.8-674-601-13
Sequence 6, Appl	1.8	4.5	1	0.8-0.8-24-715A-6
Sequence 6, Appl	1.8	4.5	2	0.8-0.8-448-735C-6
Sequence 1, Appl	1.8	4.7	3	0.8-0.8-155-9.9-1
Sequence 18, Appl	1.8	4.9	2	0.8-0.8-697-611A-16
Sequence 122, Appl	1.8	4.9	1	0.8-0.8-642-555-112
Sequence 24, Appl	1.8	3.2	1	0.8-0.8-392-632A-21
Sequence 82, Appl	1.8	3.2	2	0.8-0.8-307-2.7A-92
Sequence 20, Appl	1.8	3.2	2	0.8-0.8-642-246-20
Sequence 20, Appl	1.8	3.2	4	0.8-0.8-451-206-20

ALIGNMENTS

REGISTRATION NUMBER: 22,264
 FILING NUMBER: 1121044-5
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 305-527-2498
 FAX: 305-761-4996
 INFORMATION FOR SEQ ID NO: 18:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 39 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 JS 09-362 230-18

Query Match 2 59; Score 35,4; DB 4; Length 39;
 Best Local Similarity 46,9%; Freq. No. 75;
 Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 526 TTCCCAAATCCTCTGCTCTAGGCC 552
 DB 39 TTCCCAAATCCTCTGCTCTAGGCC 13

RESULT 6
 PCT-US94-07926-18/C
 Sequence 18, Application PCT-US94-07926
 GENERAL INFORMATION:
 APPLICANT: Tischfield, Jay A.
 ATTORNEY: Schlesinger, Jeffrey J.
 TITLE OF INVENTION: Mammalian Phosphotriester A2 Nucleotide
 TITLE OF INVENTION: Sequence and Low Molecular Weight Antisense Sequences Having Internal Fitosome Binding Sites
 TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
 NUMBER OF SEQUENCES: 44
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
 ADDRESS: Russell PA
 STREET: 200 East Broward Boulevard
 CITY: Fort Lauderdale
 STATE: FL
 COUNTRY: USA
 ZIP: 33301

COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-POS/MS-POS
 SOFTWARE: PatentIn Release #1.6, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT-US94-07926
 FILING DATE: 15-JUL-1994
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 35,027,097, 354
 FILING DATE: 26-JUL-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Manso, Peter J.
 REGISTRATION NUMBER: 32,264
 REFERENCE/TECHNICAL NUMBER: 1121044-5
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 305-527-2498
 FAX: 305-761-4996
 INFORMATION FOR SEQ ID NO: 18:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 39 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 PCT-US94-07926-18/C

Query Match 2 59; Score 25,4; DB 5; Length 39;
 Best Local Similarity 46,9%; Freq. No. 75;
 Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 7 US-08-888-497-13

Sequence 13, Application US/08888497

Patent No. 5972677

GENERAL INFORMATION:

APPLICANT: Tischfield, Jay A.

APPLICANT: Seilhamer, Jeffrey J.

TITLE OF INVENTION: Mammalian phospholipase A2 Nucleotide Sequences and Low Molecular Weight Amino Acid Sequences

TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences and Nucleotide Sequences

TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide Sequences Having Internal Ribosome Binding Sites

NUMBER OF SEQUENCES: 44

CURRENT APPLICATION DATA:

ADDRESSSEE: Biden, Barnett, McClosky, Smith, Schuster & Russell PA

ADDRESSSEE: Russell PA

STREET: 200 East Broward Boulevard

CITY: Fort Lauderdale

STAFF: FL

COUNTRY: USA

ZIP: 33301

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/888-497

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/651,405

FILING DATE: 26 JUL 1993

APPLICATION NUMBER: US/08/097,454

FILING DATE: 26 JUL 1993

ATTORNEY/AGENT INFORMATION:

NAME: Manso, Peter J.

REGISTRATION NUMBER: 1N21044-5

REFERENCE/DOCKET NUMBER: 1N21044-5

TELECOMMUNICATION INFORMATION:

TELEPHONE: 305-527-2998

TELEFAX: 305-764-4996

TELEFAX: 305-764-4996

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: Linear

MOLECULE TYPE: cDNA

US-08-888-497-14

RESULT 9 US-08-888-497-15/6

Sequence 15, Application US/08888497

Patent No. 5972677

GENERAL INFORMATION:

APPLICANT: Tischfield, Jay A.

APPLICANT: Seilhamer, Jeffrey J.

TITLE OF INVENTION: Mammalian phospholipase A2 Nucleotide Sequences and Low Molecular Weight Amino Acid Sequences

TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences Having Internal Ribosome Binding Sites

NUMBER OF SEQUENCES: 44

CURRENT APPLICATION DATA:

ADDRESSSEE: Biden, Barnett, McClosky, Smith, Schuster & Russell PA

STREET: 200 East Broward Boulevard

CITY: Fort Lauderdale

STAFF: FL

COUNTRY: USA

ZIP: 33301

COMPUTER READABLE FORM:

COMPUTER: Floppy disk

OPERATING SYSTEM: Floppy disk

SOFTWARE: Floppy disk

APPLICATION NUMBER: US/08/888-497

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/651,405

FILING DATE: 26 JUL 1993

APPLICATION NUMBER: US/08/097,454

FILING DATE: 26 JUL 1993

ATTORNEY/AGENT INFORMATION:

NAME: Manso, Peter J.

REGISTRATION NUMBER: 1N21044-5

REFERENCE/DOCKET NUMBER: 1N21044-5

TELECOMMUNICATION INFORMATION:

TELEPHONE: 305-527-2998

TELEFAX: 305-764-4996

TELEFAX: 305-764-4996

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: Linear

MOLECULE TYPE: cDNA

US-08-888-497-13

Query Match 2, Score 22, Length 22:

Best Local Similarity 100.0%, Pred No. 6.5e+02;

Matches 22; conservative 0; Mismatches 0; Gaps 0;

QY 151 CUGGCTGGTGTCTGCTCTTA 172

Db 1 CUGGCTGGTGTCTGCTCTTA 22

RESULT 8 US-08-888-497-14

Sequence 14, Application US/08888497

Patent No. 5972677

GENERAL INFORMATION:

APPLICANT: Tischfield, Jay A.

APPLICANT: Seilhamer, Jeffrey J.

TITLE OF INVENTION: Mammalian phospholipase A2 Nucleotide Sequences and Low Molecular Weight Amino Acid Sequences

TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences Having Internal Ribosome Binding Sites

NUMBER OF SEQUENCES: 44

CURRENT APPLICATION DATA:

ADDRESSSEE: Biden, Barnett, McClosky, Smith, Schuster & Russell PA

STREET: 200 East Broward Boulevard

CITY: Fort Lauderdale

STAFF: FL

COUNTRY: USA

ZIP: 33301

COMPUTER READABLE FORM:

COMPUTER: Floppy disk

OPERATING SYSTEM: Floppy disk

SOFTWARE: Floppy disk

APPLICATION NUMBER: US/08/888-497

COMPUTER: IBM PC compatible
 OPERATING SYSTEM: Windows 95
 SOFTWARE: Patent Invention Information System
 CURRENT APPLICATION DATA: Patent Invention Information System, Version # 1.25

FILING DATE: 26-JUL-1993

ATTORNEY/AGENT INFORMATION: Manso, Peter J.

PRIORITY APPLICATION NUMBER: US60/651,405

FILING DATE: 26-JUL-1993

TELEPHONE: 305-764-4936

TELEFAX: 305-764-4936

SEQUENCE CHARACTERISTICS: 15:

LENGTH: 22 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-888-497-16

RESULT 10
 US-08-888-497-16-00
 sequence 1C, Application US-09-029347
 Patent No. 5,972677

GENERAL INFORMATION:

APPLICANT: Tischfield, Jay A.

TITLE OF INVENTION: Mammalian phospholipase A2 Nucleotide

TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences

TITLE OF INVENTION: Enzyme Therapeutic Agents, Sequences Having Internal Ribosome Binding Sites

NUMBER OF SEQUENCES: 44

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Buden, Barnett, McClosky, Smith, Schuster &

ADDRESS: Russell PA

STREET: 200 East Broward Boulevard

CITY: Fort Lauderdale

STATE: FL

COUNTRY: USA

ZIP: 33301

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: MS-DOS

SOFTWARE: Patent Invention Information System, Version # 1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US-09-029347

FILING DATE: 26-JUL-1993

ATTORNEY/AGENT INFORMATION:

NAME: Manso, Peter J.

REGISTRATION NUMBER: 32,264

TELEPHONE: 305-527-2498

TELEFAX: 305-764-4936

SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-09-029347

REGISTRATION NUMBER: 32,264
 APPLICATION NUMBER: 32,264
 TELEPHONE: 305-527-2498

TELEFAX: 305-764-4936

SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-888-497-16

QUERY Match 32,264
 Best Local Similarity 100.0% Pred No. 6,50,02
 Matches 22, Conservative 0, Mismatchs 0, Gaps 0,
 QY 294 AACCCCAACCATGACCAAT 315
 Db 22 AACCCCAANGATGGCACCAT 1

RESULT 11
 US-09-029347GENERAL INFORMATION:
 Patent No. 6,352849
 Application No. 08/096,229APPLICANT: Tischfield, Jay A.
 Title of Invention: Mammalian phospholipase A2 Nucleotide

Title of Invention: Sequences and Low Molecular Weight Amino Acid Sequences

Title of Invention: Enzyme Therapeutic Agents, Sequences Having Internal Ribosome Binding Sites

Number of Sequences: 44

Correspondence Addresses:

Addressee: Buden, Barnett, McClosky, Smith, Schuster &

Address: Russell PA

Street: 200 East Broward Boulevard

City: Fort Lauderdale

State: FL

Country: USA

Zip: 33301

Computer Readable Form:

Computer: IBM PC compatible

Operating System: MS-DOS

Software: Patent Invention Information System, Version # 1.25

Current Application Data:

Application Number: US-09-029347

Filing Date: 26-JUL-1993

Attorney/Agent Information:

Name: Manso, Peter J.

Registration Number: 32,264

Telephone: 305-527-2498

Telefax: 305-764-4936

Sequence Characteristics:

Length: 22 base pairs

Type: nucleic acid

Strandedness: single

Topology: linear

Molecule Type: cDNA

US-09-029347

Query Match: 2.28; Score: 22; Length: 22;
Best Local Similarity: 100.0%; Pred. No. 6.5e+02;
Matches: 22; Conservative: 0; Mismatches: 0; Indels: 0; Gaps: 0;

QY 151 CGGGCTGGCTTCGGCTGCTGA 172
Db 1 CTGGCTGGCTTCGGCTGCTGA 22

RESULT 12
US-09-362-230-14

Sequence 14, Application US/09362230

Patent No. 6352849

GENERAL INFORMATION:

APPLICANT: Tischfield, Jay A.
TITLE OF INVENTION: Mammalian phospholipase A2 Nucleotide Sequences and Low Molecular Weight Amino Acid Sequences

TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences and Nucleotide Sequences

TITLE OF INVENTION: Encoded Threonyl, Antisense Sequences and Nucleotide Sequences Having Internal Ribosome Binding Sites

NUMBER OF SEQUENCES: 44

CORRESPONDENCE ADDRESS:

ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster & Schuster, PA
STREET: 200 East Broadard Boulevard
CITY: Fort Lauderdale
STATE: FL
COUNTRY: USA
ZIP: 33301

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/362,230
FILING DATE: 26-JUL-1993
ATTORNEY/AGENT INFORMATION:

NAME: Manso, Peter J.
REGISTRATION NUMBER: 32,264
PREFERENCE/DOCKET NUMBER: IN21044-1
TELECOMMUNICATION INFORMATION:

TELEPHONE: 305-527-2498
TELEFAX: 305-764-4996
INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-362-230-15

RESULT 14
US-09-362-230-14/

GENERAL INFORMATION:

Sequence 16, Application US/09462240

Patent No. 642849

APPLICANT: Tischfield, Jay A.
TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide Sequences and Low Molecular Weight Amino Acid Sequences

TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences and Nucleotide Sequences

TITLE OF INVENTION: Encoded Threonyl, Antisense Sequences and Nucleotide Sequences Having Internal Ribosome Binding Sites

NUMBER OF SEQUENCES: 44

CORRESPONDENCE ADDRESS:

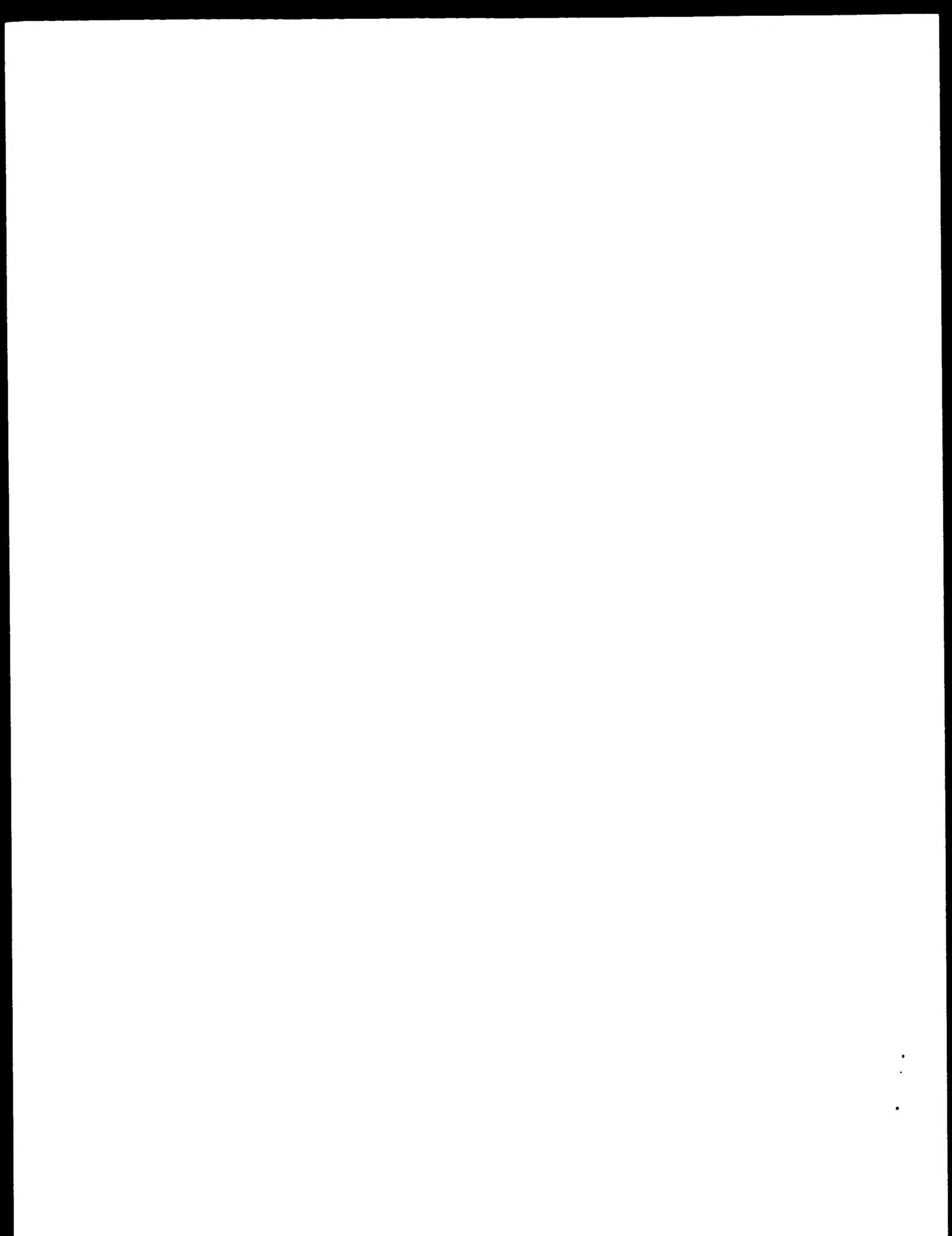
ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster & Schuster, PA
STREET: 200 East Broadard Boulevard
CITY: Fort Lauderdale
STATE: FL
COUNTRY: USA

ZIP: 33301
 COMPUTER FEASIBLE FROM:
 COMPUTER TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0.
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US 08/462,213
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/098,497
 FILING DATE:
 FILING DATE: 26-10-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Manso, Peter J.
 REGISTRATION NUMBER: 32,264
 REFERENCE/OCKET NUMBER: 1R21044
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 305-764-4948
 TELEFAX: 305-764-4946
 INFORMATION FOR SEQ ID NO: 16:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 22 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: Linear
 MOLECULE TYPE: cDNA
 PCT-US94-07926-13

Query Match
 Best Local Similarity 100.0%; Score 22; DB 4; Length 22;
 Matches 22; Conservative 0; Missmatches 0; Indels 0; Gaps 0;

Qy 522 ATACATTCACATCATCTCTGC 54.3
 Db 22 ATACATTCACATCATCTCTGC 1

RESULT 15
 PCT-US94-07926-13
 Sequence 13, Application: PCT-US94-07926
 GENERAL INFORMATION:
 APPLICANT: Tischfield, Jay A.
 APPLICANT: Seilhamer, Jeffrey J.
 TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide Sequences and Low Molecular Weight Amino Acid Sequences Encoded Thereby, Antisense Sequences and Nucleotide Sequences Having Internal Ribosome Binding Sites
 NUMBER OF SEQUENCES: 44
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
 ADDRESSEE: Russell PA
 STREET: 200 East Broward Boulevard
 CITY: Fort Lauderdale
 STATE: FL
 COUNTRY: USA
 ZIP: 33301
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0., Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT-US94-07926
 FILING DATE: 15-JUL-1994
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/097,354
 FILING DATE: 26-JUL-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Manso, Peter J.



Best Local Similarity 70.38; Pred. No. 1.4e+04; Indels 0; Matches 26; Conservative 0; Mismatches 11; Score 1.968-851-527c

Scylpene 52, Application US09468851

Publication No. US201193561A1

GENERAL INFORMATION:

APPLICANT: CONSELLIER, EMMANUEL

BRACCO, LAURENT

TITLE OF INVENTION: P53 PROTEIN VARIANT AND THERAPEUTICAL USES THEREOF

NUMBER OF SEQUENCES: 59

CORRESPONDENCE ADDRESS:

ADRESSEEE: FINNEGAN, HENDERSON, FARABOW, GARRETT &

DUNNER, LLP

STREET: 1300 I Street, NW

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005-3115

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US09/968,851

FILING DATE: 03-Oct-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US08/983,035

FILING DATE: 20-Feb-1998

APPLICATION NUMBER: PCT-FR-97-01111

FILING DATE: 17-JUL-1996

APPLICATION NUMBER: FR 95/08729

FILING DATE: 19-JUL-1995

ATTORNEY/AGENT INFORMATION:

NAME: Straus, William L.

REGISTRATION NUMBER: 47,114

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-408-4000

TELEFAX: 202-408-4400

INFORMATION FOR SEQ ID NO: 52:

SEQUENCE CHARACTERISTICS:

LENGTH: 48 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLogy: linear

MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 52:

US-09-968-851-52

Query Match 1.98; Score 19.4; DB 9; Length 48;

Best Local Similarity 64.48; Pred. No. 1.5e+04; Indels 0; Matches 16; Conservative 16; Score 1.968-851-527c

APPLICANT: Katch, Yoshihiro
 TITLE OF INVENTION: STREPTOMYCETES AVERMILLIS GENE DIRECTING THE RATIO OF
 FILE REFERENCE: PCT/06/9
 CURRENT APPLICATION NUMBER: 05/0766766
 PRIORITY FILING DATE: 2001-01-22
 PRIORITY APPLICATION NUMBER: 06/372,44
 PRIORITY FILING DATE: 1995-08-12
 PRIORITY FILING DATE: 1995-01-25
 NUMBER OF SEQ ID NOS: 25
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID N: 12
 LENGTH: 43
 TYPE: DNA
 ORGANISM: *streptomyces avermitillis*
 SEQ ID N: 09-766-898-12

RESULT 6
 S-09-766-916-12
 Sequence 12, Application US/09766-916
 Patent No. US200610024818A1
 GENERAL INFORMATION:
 APPLICANT: Stutzman-Engwall, Kim J.
 APPLICANT: McArthur, Tamish
 APPLICANT: Katch, Yoshihiro
 TITLE OF INVENTION: STREPTOMYCETES AVERMILLIS GENE DIRECTING THE RATIO OF
 FILE REFERENCE: PCT/06/9
 CURRENT APPLICATION NUMBER: 05/0766766,916
 CURRENT FILING DATE: 2001-01-22
 PRIORITY APPLICATION NUMBER: 06/372,934
 PRIORITY FILING DATE: 1995-08-12
 PRIORITY FILING DATE: 1995-01-25
 NUMBER OF SEQ ID NOS: 25
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID N: 12
 LENGTH: 43
 TYPE: DNA
 ORGANISM: *streptomyces avermitillis*
 SEQ ID N: 09-766-916-12

RESULT 7
 S-10-007-142-46
 Sequence 46, Application US/09766-916
 Publication No. US2003027254A1
 GENERAL INFORMATION:
 APPLICANT: Borchberg, Boeck
 Smith, Kelli E
 TITLE OF INVENTION: GNA ENCODING GALARIN GENE RECEIVERS
 NUMBER OF SEQUENCES: 65
 CURRENT INFLUENCE ADDRESS:

ADDRESSEE: Cooper & Lunham LLP
 STREET: 1185 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatibles
 OPERATING SYSTEM: PC-MS-DOS
 SOFTWARE: Patent Release #1.0, version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US10/007,132
 FILING DATE: 03-DEC-2001
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/058,433
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: White, John P.
 REGISTRATION NUMBER: 28,678
 REFERENCE: T-474175-X-E
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212.391.0400
 TELEFAX: 212.391.0525
 INFORMATION FOR SEQ ID NO: 46:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 45 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 SEQUENCE DESCRIPTION: SEQ ID NO: 46:
 US-10-007-132-46

Query match 1.9%; score 19; length 45
 Best Local Similarity 55.1%; Pred. No. 1 Se-04;
 Matches 28; Conservative 15; Misatches 15; Indels 1

QW 148 C²A³T⁴C⁵G⁶T⁷G⁸T⁹C¹⁰G¹¹T¹²C¹³T¹⁴G¹⁵T¹⁶A¹⁷G¹⁸T¹⁹A²⁰G²¹ 190
 Db 3 C²T³A⁴C⁵G⁶T⁷G⁸T⁹C¹⁰G¹¹T¹²C¹³T¹⁴G¹⁵G¹⁶C¹⁷T¹⁸G¹⁹C²⁰A²¹G²² 45

RESULT 8
 US-09-804-615-32/c
 Sequence 32, Application: US-09-804-615
 Patent No. US2002005567A1

GENERAL INFORMATION:
 APPLICANT: Johansen, Teit E.
 ATTORNEY: Ken Yee Saw, Dinhah
 TITLE OF INVENTION: NO. US2002005567A1 Neurotrophic Factor
 PCT REFERENCE: N/A
 CURRENT APPLICATION NUMBER: US-09-804-615

CURRENT FILING DATE: 2001-03-12
 PRIORITY NUMBER: DANISH 1448 00094
 PRIORITY FILING DATE: 1998-07-06
 PRIOR APPLICATION NUMBER: US-09-804-2293
 PRIORITY FILING DATE: 1998-01-09
 PRIORITY APPLICATION NUMBER: DANISH 1498 01048
 PRIORITY FILING DATE: 1998-08-19
 PRIORITY APPLICATION NUMBER: US-09-774
 PRIORITY FILING DATE: 1998-08-25
 PRIORITY APPLICATION NUMBER: US-09-1048
 PRIORITY FILING DATE: 1998-10-13
 PRIORITY APPLICATION NUMBER: DANISH 1498 01265
 PRIORITY FILING DATE: 1998-10-06
 PRIORITY APPLICATION NUMBER: US-09-347,613
 PRIORITY FILING DATE: 1999-07-02
 PRIORITY APPLICATION NUMBER: US-09-347,613
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 32
 LENGTH: 36

Query Match	1.8%	Score: 18.4;	DB: 9;	Length: 45;
Best Local Similarity	69.48;	Score: 2.46;	DB: 9;	Length: 45;
Best Local Similarity	75.00;	Score: 2.46;	DB: 9;	Length: 45;
Best Local Similarity	75.00;	Score: 2.46;	DB: 9;	Length: 45;
Best Local Similarity	75.00;	Score: 2.46;	DB: 9;	Length: 45;

Qy 201 GAACTTAAATCAATGATCGAAAGGTGAAAGGAA 236
 3b 1 GAACTTAAAGCTAGATGAAAGCTGTCAGGAA 36

RESULT 14
 : Sequence 43, Application US2002192765A1
 : GENERAL INFORMATION:
 : APPLICANT: Ashekarazi, Avi
 : APPLICANT: Baker, Eric, Jr.
 : APPLICANT: Botstein, David
 : APPLICANT: DeSouza, Luis
 : APPLICANT: Eaton, Dan
 : APPLICANT: Ferrara, Napoleon
 : APPLICANT: Filivroff, Ellen
 : APPLICANT: Fung, Sherman
 : APPLICANT: Gao, Wei-Qiana
 : APPLICANT: Gerber, Hans-Dieter
 : APPLICANT: Gerlitsen, Marly E.
 : APPLICANT: Goddard, Audrey
 : APPLICANT: Godowski, Paul J.
 : APPLICANT: Grimaldi, Christopher
 : APPLICANT: Gurney, Austin L.
 : APPLICANT: Hillian, Kenneth J.
 : APPLICANT: Klarjinc, Ivor J.
 : APPLICANT: Kuei, Sophia S.
 : APPLICANT: Kuei, Sophia S.
 : APPLICANT: Pan, James Z.
 : APPLICANT: Pachai, Nicholas F.
 : APPLICANT: Roy, Margaret Ann
 : APPLICANT: Shelton, David L.
 : APPLICANT: Stewart, Timothy A.
 : APPLICANT: Tumas, Daniel
 : APPLICANT: Williams, P. Mickey
 : APPLICANT: Wood, William L.
 : TITLE OF INVENTION: Acids Encoding the Same
 : FILE REFERENCE: E26391263
 : CURRENT APPLICATION NUMBER: US20020499478A
 : CURRENT FILING DATE: 2001-10-24
 : PRIOR APPLICATION NUMBER: 09/915585
 : PRIOR FILING DATE: 2001-07-30
 : PRIOR APPLICATION NUMBER: 60/240225
 : PRIOR FILING DATE: 1997-10-17
 : PRIOR APPLICATION NUMBER: 60/066249
 : PRIOR FILING DATE: 1997-11-03
 : PRIOR APPLICATION NUMBER: 60/065311
 : PRIOR FILING DATE: 1997-11-13
 : PRIOR APPLICATION NUMBER: 60/065364
 : PRIOR FILING DATE: 1997-11-21
 : PRIOR APPLICATION NUMBER: 60/067450
 : PRIOR FILING DATE: 1998-02-19
 : PRIOR APPLICATION NUMBER: 60/077632
 : PRIOR FILING DATE: 1998-03-11
 : PRIOR APPLICATION NUMBER: 60/077791
 : PRIOR FILING DATE: 1998-03-12
 : PRIOR APPLICATION NUMBER: 60/077904
 : PRIOR FILING DATE: 1998-03-12
 : PRIOR APPLICATION NUMBER: 60/078886
 : PRIOR FILING DATE: 1998-03-22
 : PRIOR APPLICATION NUMBER: 60/078884
 : PRIOR FILING DATE: 1998-03-29
 : PRIOR APPLICATION NUMBER: 60/078910
 : PRIOR FILING DATE: 1998-03-29
 : PRIOR FILING DATE: 1998-03-30

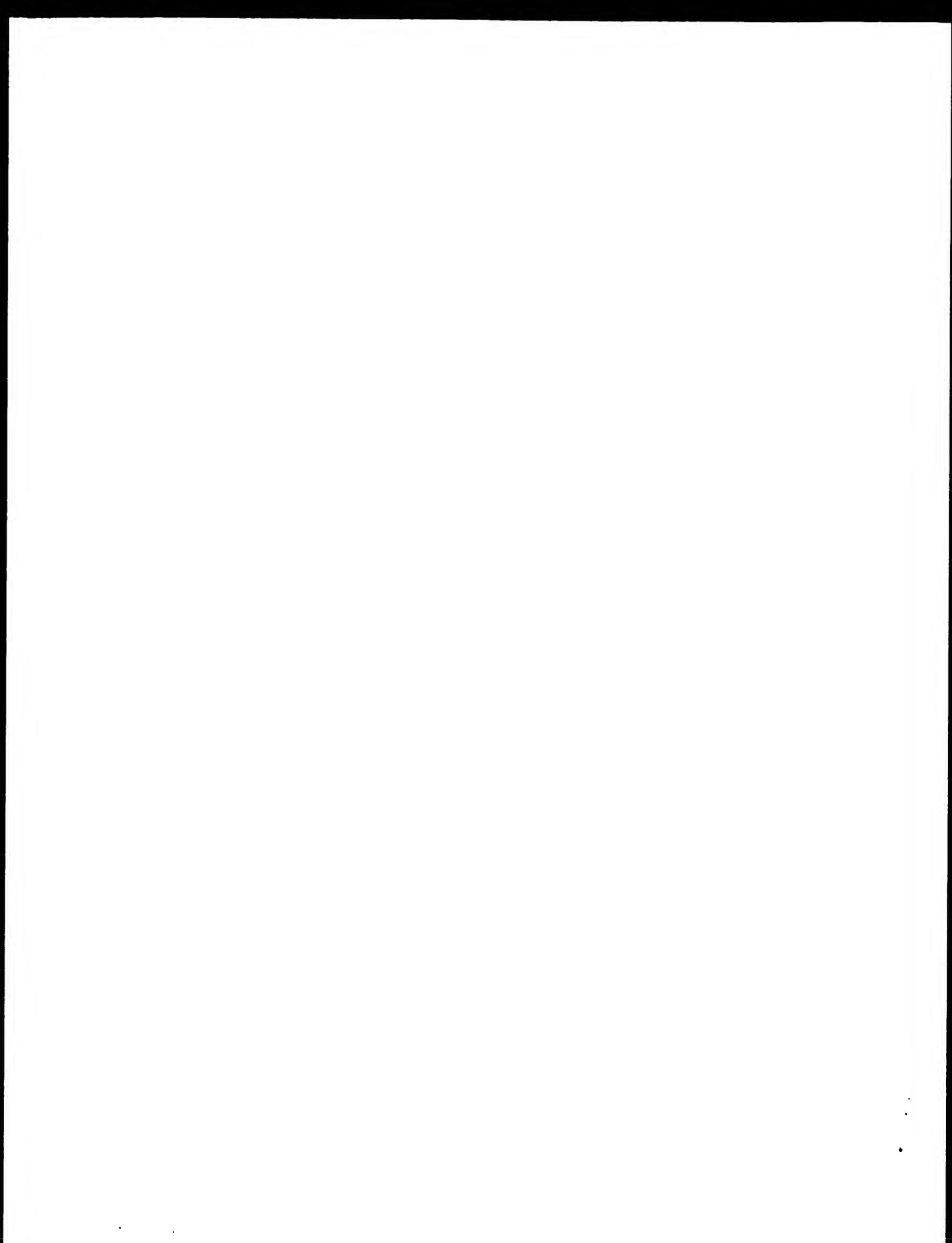
: PRIOR APPLICATION NUMBER: 60/079294
 : PRIOR FILING DATE: 1998-03-25
 : PRIOR APPLICATION NUMBER: 60/079356
 : PRIOR FILING DATE: 1998-03-26
 : PRIOR APPLICATION NUMBER: 60/079464
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079489
 : PRIOR APPLICATION NUMBER: 60/079490
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079493
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079494
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079495
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079496
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079497
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079498
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079499
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079500
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079501
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079502
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079503
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079504
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079505
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079506
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079507
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079508
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079509
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079510
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079511
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079512
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079513
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079514
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079515
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079516
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079517
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079518
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079519
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079520
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079521
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079522
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079523
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079524
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079525
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079526
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079527
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079528
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079529
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079530
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079531
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079532
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079533
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079534
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079535
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079536
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079537
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079538
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079539
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079540
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079541
 : PRIOR FILING DATE: 1998-03-27
 : PRIOR APPLICATION NUMBER: 60/079542

PRIOR FILING DATE: 1998-04-28
 PRIOR APPLICATION NUMBER: 60/083394
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083495
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/084496
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083499
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083545
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083554
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083558
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/084459
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083500
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083742
 PRIOR FILING DATE: 1998-04-30
 PRIOR APPLICATION NUMBER: 60/084366
 PRIOR FILING DATE: 1998-05-05
 PRIOR APPLICATION NUMBER: 60/084414
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084411
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084417
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084439
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084441
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084637
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084558
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084600
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084627
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084643
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/085319
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085348
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085700
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085689
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085582
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085580
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085523
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085579
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085580
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085523
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085579
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085580
 PRIOR FILING DATE: 1998-05-15
 Query Match 1.88, Score 18.4, DB 9, Length 45,
 Best local Similarity 69.48, Fred. No. 2, Ref. 01, Index 0, Gaps 0,
 Matches 25, Conservative 0; Missmatches 11,

Qy 291 GAGCTTAAATTAATTAATGAAACAGCAGCGAA 236
 Pb 1 GGGCTTAAATTAATTAATGAAACAGCAGCGAA 36

RESULT 15

PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/0704663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/0704729
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/0704796
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/0704820
PRIOR FILING DATE: 1999-04-30
PRIOR APPLICATION NUMBER: 60/0704923
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/0704965
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/0705007
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/0705065
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/0705128
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/0705164
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/0705194
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/0705234
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/0705270
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/0705328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/0705333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/0705344
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/0705370
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/0705449
PRIOR FILING DATE: 1998-04-05
PRIOR APPLICATION NUMBER: 60/0705471
PRIOR FILING DATE: 1998-04-06
PRIOR APPLICATION NUMBER: 60/0705495
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/0705503
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/0705529
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/0705568
PRIOR FILING DATE: 1998-04-10
PRIOR APPLICATION NUMBER: 60/0705599
PRIOR FILING DATE: 1998-04-10
PRIOR APPLICATION NUMBER: 60/0705652
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/0705817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/0705819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/0705852
PRIOR FILING DATE: 1998-04-18
PRIOR FILING DATE: 1998-04-18
PRIOR APPLICATION NUMBER: 60/0705858
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/0705959
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/0706052
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/0706094
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/0706204
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/0706294
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/0706336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/0706352
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/0706492
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/0706495
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29



LOCUS	AU103565	50 bp	mRNA	Linear	EST 30-AUG-2001
DEFINITION	AU103565 Sugano Homo sapiens				
ACCESSION	HEP14961 mRNA sequence.				
VERSION	AU103565.1	GI:13553086			
KEYWORDS	EST, KEYWORDS				
ORGANISM	Homo sapiens				
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo; Homo sapiens				
AUTHORS	Suzuki,Y., Taira,H., Tsunoda,T., Mizushima,Sugino,J., Sese,J., Hata,H., Ota,T., Isogai,T., Takanaka,T., Morishita,S., Okubo,K., Sakaki,Y., Nakamura,Y., Suyama,A., and Sugano,S.				
TITLE	Diverse transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites				
FOURNISH	EMBO Rep. 2 (5), 388-393, (2001)				
MEDLINE	21270072				
COMMENT	Contact: Yutaka Suzuki Department of Virology Institute of Medical Science, University of Tokyo 4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan Ema il: ytsuzuki@ims.u-tokyo.ac.jp Suzuki, Y., Yoshitomo-Nakagawa,K., Matsudaira,K., Sugano,A., and Sugano,S., Construction and characterization of a full-length enriched and a 5'-end-enriched cDNA library. Gene 260 (1-2), 145-156 (1995).				
FEATURES	source				

RESULT 13
AL108014 /-/
DEFINITION Sugano Homo sapiens 50 bp mRNA Linear EST 30-AUG-2001
PROGRESSION AL108014 mRNA library Homo sapiens cDNA clone
POSITION AL108014.1 GI:13557536
WORDS EST
WORDS

ORGANISM Homo sapiens
ERIENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
UTHORS Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
TITLE Diverse transcriptional initiation revealed by fine, large-scale
JOURNAL *Proc. Natl. Acad. Sci. USA*, 90, 11291-11295, 1993.

21270072 - 077-300-393 (2001)
LINE
JENT
Contact: Yutaka Suzuki;
Department of Virology;
Institute of Medical Science, the University of Tokyo;
4-6-1, Shirokanedai, Minato-ku, Tokyo 108-8639, Japan
Email: yusuzuki@ims.u-tokyo.ac.jp
Suzuki, Y., Yoshitomo-Nakagawa, K., Maruyama, K., Suyama, A., and Sugano, S., construction and characterization of a full-length-enriched and

10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was first isolated from a derivative of pMD42 (3647321113; ATCC3722), a copy-number inducible derivative of plasmid pR1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance.

```

Query Match      1.98;  score 19.2;  DB 17;  Length 41;
Best Local Similarity 75.0%;  Fred. No. 8.7e+05;
Matches 24;  Conservative 0;  Mismatches 8;  Indels 0;  gaps 0;
915 ATTAACTACCACTACCCCTCAGAGAAATT 946
7 ATTAACTACCACTACCCCTCAGAGAAATT 948

```

SESSION CO0115
 CO0115.1 GI:1432345
 EST.
 human.
 HOME sapiens
 Eukaryota; Metazoa; Chordata; Vertebrata; Futeostomi;
 Mammalia; Eutheria; primates; Catarrhini; Homidae; HOMO.
 okubo, k.
 BodyMap: human gene expression database
 unpublished (1995)
 Contact: Okubo, K.
 Institute for Molecular and Cellular Biol
 osaka University
 1-5, Yamada-oka, Shiga, Osaka pref. 565, Japan
 Tel: 06-877-5111 (ex. 3315)
 Email: kensaku@imrc.osaka-u.ac.jp
 Human Gene Signature, 3'-directed cDNA sequence. We are not
 submitting the same cDNA sequence redundantly to DDBJ since 1993.
 For the abundance information of clones with this sequence in this
 library and as well as in other 3'-directed libraries, see
<http://www-imrc.osaka-u.ac.jp/~okubo/3d.html>.
 The 3'-directed cDNA sequence is also found in the
 represented by this GS sequence is also found in the

NATURES	
source	Monocytes
Location/Qualifiers	Human
1.	45
/organism	"Homo sapiens"
/db-refs	"taxon:9606"
/label	"Human adult (Kokubo)"
/dev_STAGE	"adult"
/note	"Organ: blood; Vector: hprt-1; Site: 1; ECOPAT"
	Monocytes were prepared from blood by ficoll-hypaque, percoll and cell rosetting purification steps (purity: 96.4 %). mRNA was prepared from activated monocytes from a patient with rheumatoid arthritis mRNA was reverse transcribed with MuLV. Using Eco-RI linkers cDNA was cloned into 1-att-V vector arms. The cDNA library was

SE COUNT	13	13	13	10
IGIN	a	g	c	t
IGIN	9	9	9	9
IGIN	13	13	13	10

